

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
X-409 USSERIAL NO. #2
UnknownINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

L. James Hwang

FILING DATE

May 7, 1999

GROUP

Unknown

JCS11 U.S. PTO of 1
09/307620
05/07/99

U. S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	5,136,647	08-04-92	Haber et al.	380	49	08-02-90
AB	5,373,561	12-13-94	Haber et al.	380	49	12-21-92
AC						
AD						
AE						
AF						
AG						
AH						
AI						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
AJ							
AK							
AL							
AM							
AN							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AO	Dave Trowbridge, "Imagine a Notary Stamp for Electronic Documents", Computer Technology Review, Vol. XV, Number 4, April 1995, 2 pages.
AP	Stuart Haber & W. Scott Stornetta, Bellcore, "Foiling the Forgers", Discover, Vol. 13, Number 10, October 1992, 2 pages.
AQ	Stuart Haber & W. Scott Stronetta, Bellcore, "How to Time-Stamp a Digital Document", DIMACS Technical Report 90-80, December 1990, pp. 1-18.

EXAMINER

FE120

DATE CONSIDERED

7/12/92

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
X-409 USSERIAL NO.
09/307,620INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

L. James Hwang

FILING DATE

May 7, 1999

GROUP

2766

U. S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	5,912,974	06-15-99	Holloway et al.	380	51	04-30-97
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						



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JUL 14 1999

Group 2700

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
AJ						
AK						
AL						
AM						
AN						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AO	
AP	
AQ	

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